

Receiving Report

Date: 14/9/12

Batch No: M1303F7

Supplier: Thyssen

Dart P/O: 25673

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☐ No ☒
 Receipt: Cash ☐ Cr ☒
 New Supplier Yes ☐ No ☐

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☒ No ☐
 Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC18 Inspection ☒ DAS ☐ N/A ☐
 Work Order 23 14-09-18 N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Rec'd	Quantity Short	Quantity Inspected	Quantity Rejected	Comment / NCR Number

Initials of Receiver

QC12

Production/Admin:

Date

Received/Costing

Initial

Location

Purchase Order Receipt Listing

Wednesday, September 17, 2014 7:19:05 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO25673 Receipt Dates from 9/17/2014 to 9/17/2014 All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MIRB Qty/ MIRB Reject Qty	Book Amt
Vendor ID Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO25673 CAD	1 No		M2024T3S.070 2024-T3 .070 sheet ml30387	sf	9/17/2014 48.0000	9/17/2014 DESI02	1 - 48.0000	\$4.98 \$239.12	0.0000 0.0000	0 0	\$239.12
	2 No		M2024T3S.090 2024-T3 .090 sheet ml30387	sf	9/17/2014 48.0000	9/17/2014 DESI02	1 - 48.0000	\$5.30 \$254.30	0.0000 0.0000	0 0	\$254.30
	5 No		M6061T6S.032 6061-T6 Sheet 0.032" sf ml30387	sf	9/15/2014 144.0000	9/17/2014 DESI02	3 - 144.0000	\$1.67 \$239.77	0.0000 0.0000	0 0	\$239.77
	7 No		M7075T6B6.000X0.2 f 50 7075-T6 BAR 6.000" f X 0.250" ml30387	f	9/17/2014 24.0000	9/17/2014 DESI02	2 - 24.0000	\$12.65 \$303.50	0.0000 0.0000	0 0	\$303.50

Total Received Quantity: 264.0000
Total Qty to Inspect (PO U/M): 0.0000
Total Reject Quantity: 0.0000
Total Receipt Value: \$1,036.68
Total Balance Due Quantity: 0.0000

Ship From:
1HYSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

B I L L O F L A D I N G

No: PEC 896354
Ship Date 16Sep14 at 15:28 From PFW
Probill
Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-719600- 1 Your PO # 25673

ALUMINUM SHEET 2024 -T3
.0710 Nom X 48.0000" X 144.0000"
Heat Number Tag No
449911 332800

Quantity PCS Wt LBS
48.00 SFT 1 49

2) Our Order PEC-719600- 2 Your PO # 25673

ALUMINUM SHEET 2024 -T3
.0910 Nom X 48.0000" X 144.0000"
Heat Number Tag No
679638A7 332802

Quantity PCS Wt LBS
48.00 SFT 1 62

3) Our Order PEC-719600- 3 Your PO # 25673

ALUMINUM SHEET 6061 T6
.0320 Nom X 48.0000" X 144.0000"
Heat Number Tag No
678161A1 332803

Quantity PCS Wt LBS
144.00 SFT 3 65

4) Our Order PEC-719600- 4 Your PO # 25673

ALUMINUM PLATE 7075-T651
.250" THICK X 6.0000" X 144.0000"
Heat Number Tag No
682597A0 332804

Quantity PCS Wt LBS
12.00 SFT 2 44

TOTAL: Tags 4 PCS 7 Wt LBS 220

Heat Number
678161A1

*** Chemical Analysis ***

Page: 1Continued

1 Box R600 ✓
1 Cush R133 ✓
1 crate R133 ✓

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 896354
Ship Date 16Sep14 at 15:28 From PFW
Probill
Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

682597A0

ADD ON TO 719484 SUR-CHARGE ADDED

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

TOTAL 1 SKID, 1 CUSH, 1 BDL GW. 439 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***
**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *
* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

THYSSENKRUPP MATERIALS NA WILL CONDUCT THEIR
INVENTORY, SEPT. 18 & 19/2014. THERE WILL BE NO
CUSTOMER PICKUPS THOSE DAYS. HOWEVER, THE SALES
OFFICE WILL REMAIN OPEN.

Page: 2 Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

KAISER ALUMINUM FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

Kaiser Aluminum
Trentwood Works
Spokane, WA 99215-5108
(800) 367-2586

CUSTOMER PO NUMBER: 5400222112-10		WORK PACKAGE:	CUSTOMER PART NUMBER: ALFLR01643		PRODUCT DESCRIPTION: HT Flat Sheet	
KAISER ORDER NUMBER: 1173240	LINE ITEM: 1	SHIP DATE: 06/06/2014	ALLOY: 6061	CLAD: BARE	TEMPER: T6	
WEIGHT SHIPPED: 13683 LB	QUANTITY: 631 PCS EST.	B/L NUMBER: 2048263	GAUGE: 0.0320 IN	WIDTH: 48.000 IN	LENGTH: 144.000 IN	
SHIP TO: COPPER & BRASS SALES 905 CARLOW DRIVE UNIT D BOLINGBROOK, IL 60490 US			SOLD TO: COPPER & BRASS SALES ATTN: ACCOUNTS PAYABLE P.O. Box 5116 SOUTHFIELD, MI 48086 US			

MHU 1786884: LOT 678064A7: 175 pieces
MHU 1786886: LOT 678064A7: 18 pieces
MHU 1790637: LOT 678161A1: 219 pieces
MHU 1790642: LOT 678161A1: 219 pieces

Certified Specifications

AMS 4027/RevN ASME SB 209/Rev2010 ASTM B 209/Rev10

DAS
23
9-89

14-09-18

Test Code: 1511

Test Results:

LOT: 678064A7 CAST: 027 DROP: 90 INGOT: 1

Melted in USA
(ASTM E8/B557)
(EN 2002-1)

Tensile: Temper	Dir/#Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
T6	LT / 02 (Min:Max)	46.4 : 46.4 (320 : 320)	40.0 : 40.6 (276 : 280)	10.8 : 12.2

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual	0.71	0.5	0.30	0.08	1.1	0.19	0.07	0.02	0.01	0.00	TOT 0.05

LOT: 678161A1 CAST: 027 DROP: 89 INGOT: 1

Melted in USA
(ASTM E8/B557)
(EN 2002-1)

Tensile: Temper	Dir/#Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
T6	LT / 02 (Min:Max)	47.0 : 47.6 (324 : 328)	40.2 : 40.7 (277 : 281)	12.3 : 12.8

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual	0.72	0.5	0.29	0.08	1.1	0.19	0.08	0.03	0.01	0.00	TOT 0.05

Plant Serial: 4336088

Kaiser Order Number: 1173240

Line Item: 1

Page 1 of 2

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2403378302

CstAr

CstOr 261259

Wgt.: 65.028 LB

Date 09/09/2014

John R. Zumbach

KAISER ALUMINUM FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT
<http://Online.KaiserAluminum.com>

Kaiser Aluminum
Trentwood Works
Spokane, WA 99215-5108
(800) 367-2586

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
6061	MIN 0.40	0.0	0.15	0.00	0.8	0.04	0.00	0.00	0.00	0.00	MAX 0.05
	MAX 0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.05	TOT 0.15

Aluminum Remainder

Miscellaneous Notes

6061 sheet or plate certified to AMS 4025, AMS 4026, or AMS 4027 also meets applicable requirements of AMS-QQ-A-250/11, Rev. A.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC (Kaiser), is ISO-9001:2008/AS9100C certified and hereby certifies that all material shipped under this order: * has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. * was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content. * has been thermally processed in compliance with AMS 2772, where applicable. * is mercury free, within the limits of detection of ASTM E1231 (<1ppm). * is in compliance with RoHS 2, European Union Directive 2011/65/EU. * is in compliance with and regularly monitors any updates to the European Chemical Agency, ECHA, REACH regulations, (EC) R1907/2006. * is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act. Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.

JAMES HEMENWAY, LABORATORIES SUPERVISOR



Plant Serial: 4336088
Kaiser Order Number: 1173240
Line Item: 1

Page 2 of 2

From: ThyssenKrupp Materials NA
Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2403378302
CstAr CstOr 261259
Wgt.: 65.028 LB Date 09/09/2014





ThyssenKrupp Materials NA
Copper and Brass Sales Division
22355 West 11 Mile Road
SOUTHFIELD MI 48033
Tel.: +12482335700 Fax: +12482335888

Order number	81A/1402089394	Ord-pos	000030	Del-pos	900001	Part description	Customer Part
Customer PO		PO date	09/08/2014	Quantity	3 ST	Heat lot	Sample number
MTR header		MTR type	NCAP	Search criteria	6061 Aluminum - T6 Sheet 0.03200 X Width		
=====							
Att_001.PDF							

Delivery number	2403378302
Date	09/09/2014

THYSSENKRUPP MATERIALS NA - ECAD
2821 LANGSTAFF ROAD
CONCORD L4K 5C6
CANADA

KAISER ALUMINUM FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

Kaiser Aluminum
Trentwood Works
Spokane, WA 99215-5108
(800) 367-2586

CUSTOMER PO NUMBER: 5400215135-20		WORK PACKAGE:	CUSTOMER PART NUMBER: ALFLR00983-48.5		PRODUCT DESCRIPTION: Sawed Plate
KAISER ORDER NUMBER: 1169391	LINE ITEM: 2	SHIP DATE: 04/25/2014	ALLOY: 7075	CLAD: BARE	TEMPER: T651
WEIGHT SHIPPED: 4891 LB	QUANTITY: 27 PCS EST.	B/L NUMBER: 2047540	GAUGE: 0.2500 IN	WIDTH: 48.500 IN	LENGTH: 144.500 IN
SHIP TO: COPPER & BRASS 1015 SAINT JEROME ST. MISHAWAKA, IN 46544 US			SOLD TO: COPPER & BRASS SALES ATTN: ACCOUNTS PAYABLE P.O. Box 5116 SOUTHFIELD, MI 48086 US		

MHU 1779069: LOT 682597A0: 5 pieces
MHU 1779153: LOT 682597A0: 22 pieces

Certified Specifications

AMS 4045/RevK AMS-QQ-A-250/12/RevA ASTM B 209/Rev10 CIMP 025/RevU

DAS
23
9-89 14-09-18

Test Code: 1512

Test Results:

LOT: 682597A0 CAST: 619 DROP: 01 INGOT: 1

Melted in USA
(ASTM E8/B557)
(EN 2002-1)

Tensile: Temper	Dir/#Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
T651	LT / 04 (Min:Max)	85.4 : 86.8 (589 : 598)	75.2 : 76.4 (519 : 527)	11.3 : 12.2

(ASTM E1251)
Chemistry:

	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual	0.07	0.13	1.5	0.03	2.5	0.18	5.9	0.03	0.01	0.00	TOT 0.04

Chemistry:

	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
7075	MIN 0.00	0.00	1.2	0.00	2.1	0.18	5.1	0.00	0.00	0.00	MAX 0.05
	MAX 0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20	0.05	0.05	TOT 0.15

Aluminum Remainder

Plant Serial: 4331492
Kaiser Order Number: 1169391
Line Item: 2

Page 1 of 2

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2403378323

CstAr

CstOr 261259

Wgt.: 44 LB

Date 09/09/2014

John L. Zambetti

KAISER ALUMINUM

FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

Kaiser Aluminum
Trentwood Works
Spokane, WA 99215-5108
(800) 367-2586

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC (Kaiser), is ISO-9001:2008/AS9100C certified and hereby certifies that all material shipped under this order: * has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. * was melted in the United States of America or a qualifying country per DFARS 225.672-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content. * has been thermally processed in compliance with AMS 2772, where applicable. * is mercury free, within the limits of detection of ASTM E1251 (<1ppm). * is in compliance with RoHS 2, European Union Directive 2011/65/EU. * is in compliance with and regularly monitors any updates to the European Chemical Agency, ECHA, REACH regulations, (EC) 1907/2006. * is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act. Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.

JAMES HEMENWAY, LABORATORIES SUPERVISOR

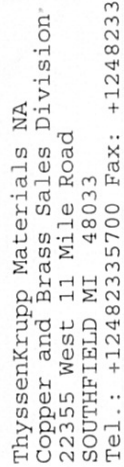
James Hemenway

Plant Serial: 4331492
Kaiser Order Number: 1169391
Line Item: 2

Page 2 of 2

From: ThyssenKrupp Materials NA
Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2403378323
CstAr CstOr 261259
Wgt.: 44 LB Date 09/09/2014

John R. Zumbach



Order number	Ord-pos	Del-pos	Part description
Customer PO	PO date	Quantity	Customer part
MTR header	MTR type	Search criteria	Heat lot
81A/1402089394	000040	900001	7075 Aluminum - T651 Non-USI 0.25000 (+-
Att 001.PDF	09/08/2014	2 ST	682597A0
	ACAP	921031867320140001	

Delivery number	2403378323
Date	09/09/2014

THYSSENKRUPP MATERIALS NA - ECAD
2821 LANGSTAFF ROAD
CONCORD L4K 5C6
CANADA

Alcoa Europe SA

AISC Paal Warehouse

Ship From: AISC-Paul, Belgium

0
P.L. No. Lawyer No.

15882605

P.O. No./Govt Contract No. _____ Customer _____

25603465867150-2492 996153
 25603465867150-2492 996153
 25603465867150-2492 996153

556/151

Item Description
Base 202-73 071x48x14 IN PLAT SHEET MILL FINISH, PER AMS-00-A-250/4 A
(MARKED) MAX PAPER INTERLEAVED

DAS
23
8-89
14-8-18

NAME	Package Ticket	Lot	Weight	Quantity	LOK
1	51367	449911	1856	40	PC

061858
 Notices for COR: ~~061858~~
 PRODUCT PRODUCED AND MARKED TO THE REQUIREMENTS OF AMS-QQ-A-250/4 ALSO MEETS THE REQUIREMENTS OF QQ-A-250/4E, AMENDMENT 2.
 PRODUCT PRODUCED AND MARKED TO THE REQUIREMENTS OF AMS-QQ-A-250/4E, AMENDMENT 2.
 PRODUCT PRODUCED AND MARKED TO THE REQUIREMENTS OF AMS-QQ-A-250/4E, AMENDMENT 2.

CGR: ~~00011553~~ -Specification Limits
001850

061858

Trans DLR
Long Transv.

UTS	42.0	ELAD
KSI		INCH
Max		15
Min	63.0	

Chemical Composition										
	SI	FE	CU	MN	MG	CR	ZN	TI	Each	Total
Max	.50	.50	4.9	.9	1.8	.10	.25	.15	.05	.15
Min			3.8	.30	1.2					
										REMAIN

Find attached Certificate for Material Origin

55751

MAR 27 2009

061858

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2403378261

CstAr

CstOr 261259

Wgt.: 49.075 LB

Date 09/09/2014

John. Zumbetti

CERTIFIED INSPECTION REPORT

Alcoa Inc.

PITTSBURGH, PA DAVENPORT WORKS
Ship From: DAVENPORT, IA.

Page 2

We hereby certify that the material described by the certificate has been inspected with and has been found to meet the applicable requirements of the specification, including any applicable provisions of the specification and that the material is free from defects and is suitable for the intended use of the material in the application being inspected and that the mechanical properties shown on this label are the actual properties of the material in the application being inspected.

Mark L. Vetter
Mark L. Vetter
Director of Manufacturing Development

Ken E. Young
Ken E. Young
Quality Assurance Manager

726160
Ship Date: 2007-02-07
P.O. No./Order Contract No.: 2560346586/130-140
996153

0
Mater. No.: 15882605
Invoice No.: 00000
Alcoa No. Item: 12193110
Customer:

COR: 0091115.3 - Material Origin Item Description
071 IN TM X 48.0 IN W X 144.0 IN LN BARE A/T 2024-T3 14-2000A PER AMS-QQ-A-250/
4 REV A ((MARKED)) MAX PAPER INTERLEAVED COR 0091115 REV 3

Lot: 449911 -Mechanical, Physical, Metallurgical, Quantitative Results

Test No. UTS TYS ELAD
T3 Long Transv. 2 Test Max KSI KSI PCT
Min 66.5 45.1 18.6
Chemical RI FE CU SN MS CR ZN TI
Actuals .07 .15 4.6 .62 1.5 .01 .06 .03

DAS

23

9-89

11.0.9.10

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2403378261

CstAr

CstOr 261259

Wgt.: 49.075 LB

Date 09/09/2014

John L. Zambetti



ThyssenKrupp Materials NA
Copper and Brass Sales Division
22355 West 11 Mile Road
SOUTHFIELD MI 48033
Tel.: +12482335700 Fax: +12482335888

Order number	Ord-pos	Del-pos	Part description
Customer PO	PO date	Quantity	Customer Part
MTR header	MTR type	Search criteria	Heat lot
81A/1402089394	000010	900001	2024 Aluminum - T3 Sheet 0.07100 X Width
	09/08/2014	1 ST	
Att_001.PDF	NCAP	930202189520130001	449911

Delivery number	2403378261
Date	09/09/2014

THYSSENKRUPP MATERIALS NA - ECAD
2821 LANGSTAFF ROAD
CONCORD L4K 5C6
CANADA

KAISER ALUMINUM FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

Kaiser Aluminum
Trentwood Works
Spokane, WA 99215-5108
(800) 367-2586

CUSTOMER PO NUMBER: 5400211561-60		WORK PACKAGE:	CUSTOMER PART NUMBER: ALFLR01586-48		PRODUCT DESCRIPTION: Kaiser Stretched
KAISER ORDER NUMBER: 1167467	LINE ITEM: 6	SHIP DATE: 03/12/2014	ALLOY: 2024	CLAD: BARE	TEMPER: T3
WEIGHT SHIPPED: 3251 LB	QUANTITY: 52 PCS EST.	B/L NUMBER: 2046850	GAUGE: 0.0900 IN	WIDTH: 48.000 IN	LENGTH: 144.000 IN
SHIP TO: COPPER & BRASS SALES 404 CENTURA COURT SPARTANBURG, SC 29303 US			SOLD TO: COPPER & BRASS SALES ATTN: ACCOUNTS PAYABLE P.O. Box 5116 SOUTHFIELD, MI 48086 US		

MHU 1761265: LOT 679638A7: 37 pieces
MHU 1763332: LOT 679202A2: 15 pieces

Certified Specifications

AMS 4037/RevP AMS-QQ-A-250/4/RevA ASTM B 209/Rev10 CMMP 019/RevD CMMP 025/RevU

Test Code: 1504

Test Results:

DAS
23
9-89

14-09-18.

LOT: 679202A2 CAST: 664 DROP: 65 INGOT: 1

Melted in USA

(ASTM E8/B557)

(EN 2002-1)

Tensile: Temper
T3

Dir/#Tests

LT / 02 (Min:Max)

Ultimate KSI (MPA)

65.9 : 66.0

(454 : 455)

Yield KSI (MPA)

45.1 : 45.6

(311 : 314)

Elongation %

17.1 : 18.4

(ASTM E1251)

Chemistry:

Actual SI FE CU MN MG CR ZN TI V ZR OTHER
0.07 0.21 4.4 0.55 1.3 0.01 0.12 0.02 0.01 0.00 TOT 0.04

LOT: 679638A7 CAST: 664 DROP: 37 INGOT: 3

Melted in USA

(ASTM E8/B557)

(EN 2002-1)

Tensile: Temper
T3

Dir/#Tests

LT / 02 (Min:Max)

Ultimate KSI (MPA)

67.0 : 67.5

(462 : 465)

Yield KSI (MPA)

45.9 : 46.1

(316 : 318)

Elongation %

19.3 : 21.2

(ASTM E1251)

Chemistry:

Actual SI FE CU MN MG CR ZN TI V ZR OTHER
0.08 0.20 4.4 0.53 1.4 0.01 0.10 0.02 0.01 0.00 TOT 0.03

Plant Serial: 4327179

Kaiser Order Number: 1167467

Line Item: 6



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO25673

Purchase Order Date 9/8/2014

PO Print Date 9/8/2014

Page Number 1 of 4

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAKED

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Customer POID	
		Customer Tax #	10127-2607
Ship To Contact		Terms	Net 30
Ship To Phone		Currency	CAD
Ship Via:	VENDOR'S TRUCK	FOB	FCA - (Free Carrier)
Ship Acct:			

M130387

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M2024T3S.070	2024-T3 .070 sheet	9/17/2014 Yes 9/17/2014		48.00 sf	\$5.42	\$260.00

MATERIAL: 2024-T3 ALUMINUM SHEET
AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037
OR ASTM B209
25.00\$ SKID INCLUDED IN PRICE OF MATERIAL

Line Total: \$260.00

2	M2024T3S.090	2024-T3 .090 sheet	9/17/2014 Yes 9/17/2014		48.00 sf	\$5.76	\$276.50
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MATERIAL: 2024-T3 ALUMINUM SHEET
AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037
OR ASTM B209

Line Total: \$276.50

Note:

9/8/2014



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO25673

Purchase Order Date 9/8/2014

PO Print Date 9/8/2014

Page Number 2 of 4

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

3	M304S18GA	304/316 .050 Sheet	9/15/2014 Yes 9/15/2014	160.00 sf	✓ 6/14/12	\$4.03	\$645.21
MATERIAL; AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240							
Line Total:							\$645.21
4	M304S20GA	304/316 .040 Sheet	9/15/2014 Yes 9/15/2014	128.00 sf	✓ 6/14/12	\$3.21	\$410.88
MATERIAL; AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240							
Line Total:							\$410.88
5	M6061T6S.032	6061-T6 Sheet 0.032"	9/15/2014 Yes 9/15/2014	144.00 sf	✓ 6/14/12	\$1.81	\$260.70
MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209							

Note:

9/8/2014



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PURCHASE ORDER

Purchase Order ID **PO25673**

Purchase Order Date 9/8/2014

PO Print Date 9/8/2014

Page Number 3 of 4

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

Line Total: \$260.70

6 M6061T6B1.000X02.000 6061-T6 Bar 1.00 x 2.00 9/15/2014
Yes
9/15/2014

12.00 \$5.08 \$60.90
f

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$60.90

7 M7075T6B6.000X0.250 7075-T6 BAR 6.000" X 9/17/2014
0.250" Yes
9/17/2014

24.00 \$13.75 \$330.00
f

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

Line Total: \$330.00

Note:

9/8/2014



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PURCHASE ORDER

Purchase Order ID **PO25673**

Purchase Order Date 9/8/2014

PO Print Date 9/8/2014

Page Number 4 of 4

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Ship To Contact
Ship To Phone

Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA – (Free Carrier)

8	71401-45	PROCUREMENT QUALITY CLAUSES	9/15/2014	- 1.00	\$0.00	\$0.00
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No

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality document

9/15/2014

Line Total: \$0.00

PO Total: \$2,244.19

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 9/8/2014